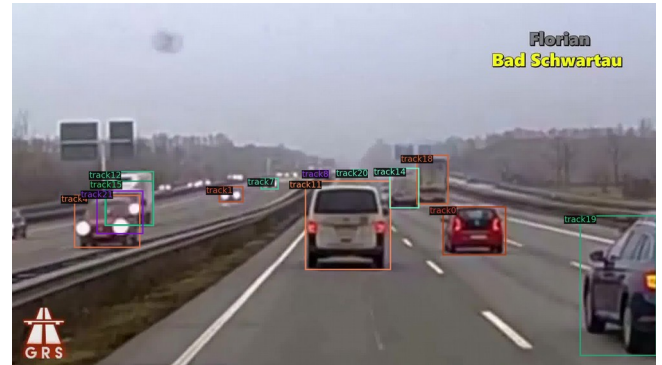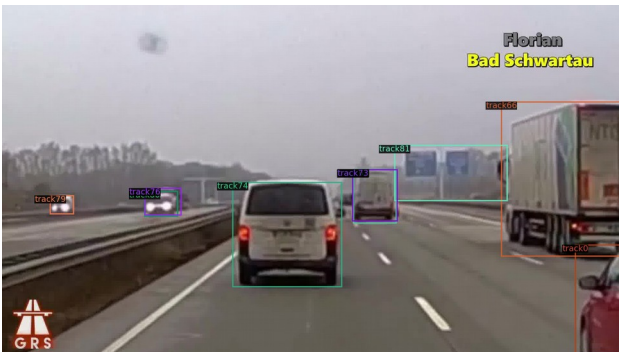**Consecutive Frame Pairs**

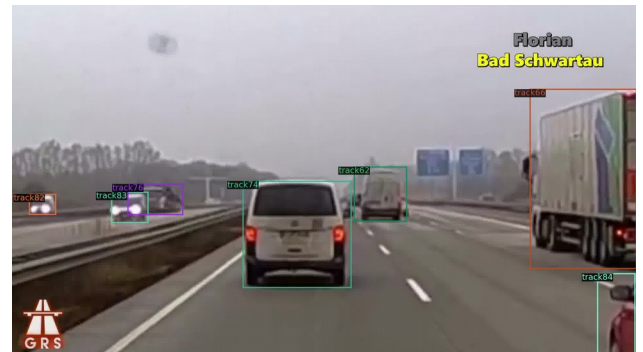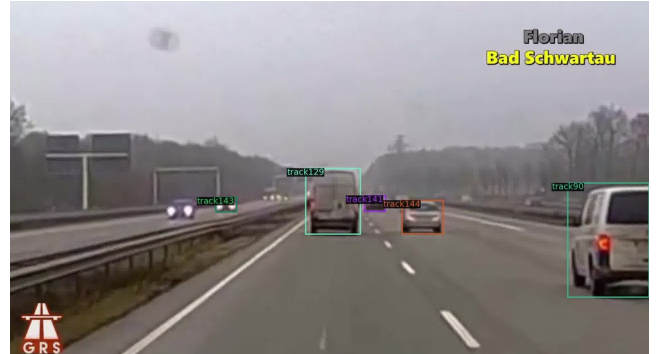Frame 0

Frame 1

Frame 20

Frame 21

Frame 38
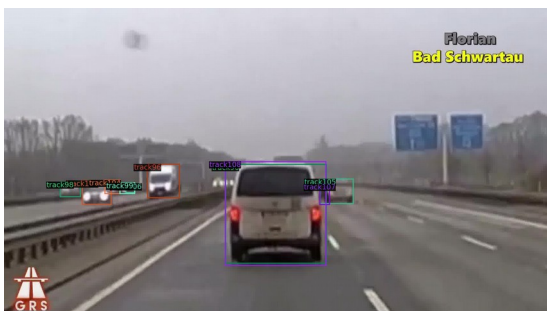

Frame 39

Observations:

i) Total number of Objects between 2 consecutive frames change, and therefore changes the tracking index.

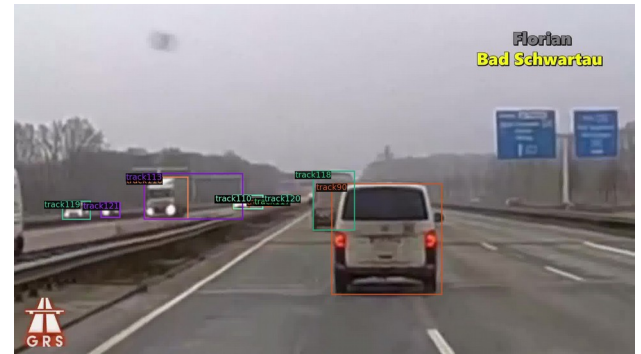ii) Also, object not detected in a previous frame may be detected in a new frame, which then starts to be tracked.
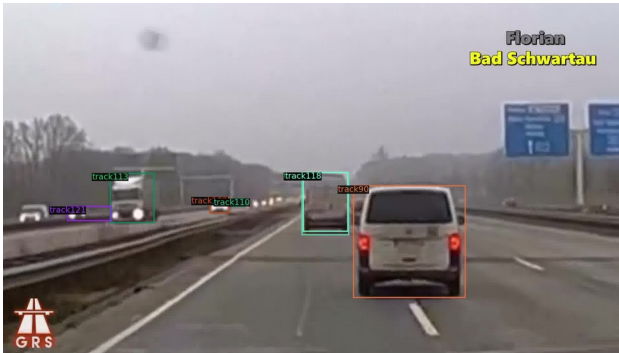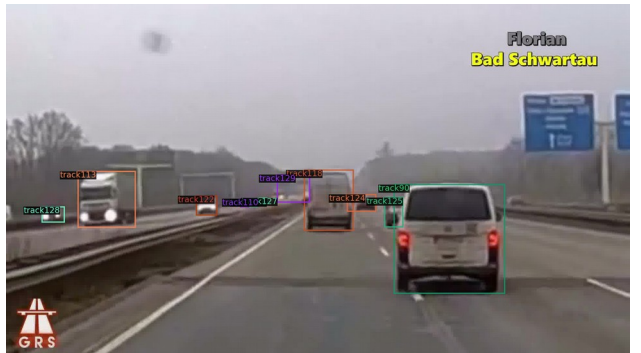
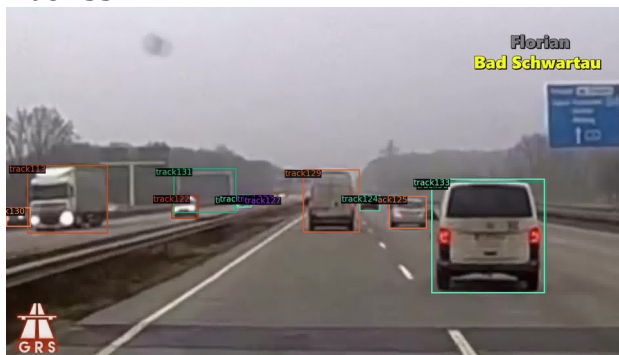**10 Frame Track**
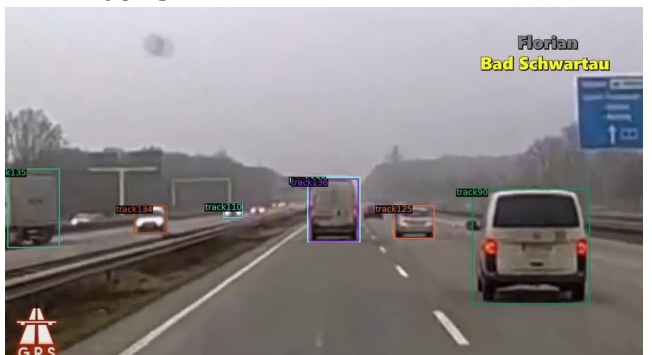

Track 29

Track 30

Track 31

Track 32

Track 33
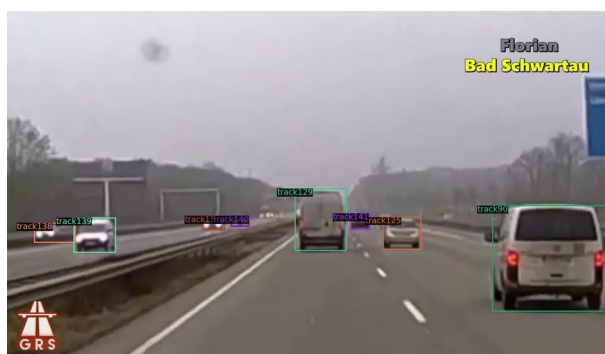

Track 34

Track 35

Track 36

Track 37

Track 38

Observations:

i) Some objects disappear from a new frame while new ones also appear.

ii) The position of an object in a previous frame may not have a box overlap with its new position in the new frame. Therefore, the algorithm takes it as a new object.